

Activity 5

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astor@REAPER: ~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker run --rm -d --name apache -p 80:80 httpd:2.4
[sudo] password for astor:
Unable to find image 'httpd:2.4' locally
2.4: Pulling from library/httpd
69692152171a: Pull complete
7284b4e0cc7b: Pull complete
3678b2d55ccd: Pull complete
aeb67982a725: Pull complete
06954f8169fd: Pull complete
Digest: sha256:48bae0ac5d0d75168f1c1282c0eb21b43302cblb5c5dc9fa3b4a758ccfb36fe9
Status: Downloaded newer image for httpd:2.4
a7669202470361d0e1b9a4e68673082b97bb67436703e6ce17113035158a55ee
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ curl localhost
<html><body><h1>It works!</h1></body></html>
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker cp index.html apache:/usr/local/apache2/htdocs/
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ curl localhost
<html><body><h1>It works in Docker!</h1></body></html>
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker apache
docker: 'apache' is not a docker command.
See 'docker --help'
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker stop apache
apache
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker run --rm -d --name apache -p 80:80 httpd:2.4
9727167523b95e7f550f3127f41c1a408706e31a4c06bf9669ba75d20f1f261b
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ curl localhost
<html><body><h1>It works!</h1></body></html>
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume ls
DRIVER      VOLUME NAME
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume create myvolume
myvolume
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume ls
DRIVER      VOLUME NAME
local      myvolume
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume rm myvolume
myvolume
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume ls
DRIVER      VOLUME NAME
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ |
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myvolume
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume ls
DRIVER      VOLUME NAME
local      myvolume
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume rm myvolume
myvolume
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume ls
DRIVER      VOLUME NAME
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume create httpd_htdocs
httpd_htdocs
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/a
pache2/htdocs/ httpd:2.4
docker: Error response from daemon: Conflict. The container name "/apache" is already in use by container "9727167523b95e7f550f3127f41c1a408706e31a4c06bf966
9ba75d20f1f261b". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume ls
DRIVER      VOLUME NAME
local      httpd_htdocs
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
allforastor/ping 1.0       346aa7ceec4    43 minutes ago 139MB
httpd         2.4       39c2d1c93266   2 weeks ago    138MB
ubuntu        16.04     9ff95a467e45   3 weeks ago    135MB
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker stop apache
apache
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume ls
DRIVER      VOLUME NAME
local      httpd_htdocs
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/a
pache2/htdocs/ httpd:2.4
4e199e80611575335d275ec6770f5a4142d18f40c23c042a0531cacff96407b5
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker cp index.html apache:/usr/local/apache2/htdocs/
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astor@REAPER: ~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes
REPOSITORY          TAG          IMAGE ID       CREATED        SIZE
allforastor/ping    1.0          346aa7ceeec4  43 minutes ago 139MB
httpd               2.4          39c2d1c93266  2 weeks ago   138MB
ubuntu             16.04        9ff95a467e45  3 weeks ago   135MB

astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker stop apache
apache
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume ls
DRIVER    VOLUME NAME
local     httpd htdocs
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/a
pache2/htdocs/ httpd:2.4
0c21022e1f909f113210c69a2b40b847553545d943061514dfc5c621032ca7b3
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker cp index.html apache:/usr/local/apache2/htdocs/
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ curl localhost
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apache
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/a
pache2/htdocs/ httpd:2.4
4e199e80611575335d275ec6770f5a4142d18f40c23c042a0531cacff96407b5
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ curl localhost
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astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker stop apache
apache
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volme rm httpd_htdocs
docker: 'volme' is not a docker command.
See 'docker --help'
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker volume rm httpd_htdocs
httpd htdocs
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ pwd
/home/astor/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker run --rm -d --name apache -p 80:80 -v /home/astor/Documents/EEE
/CoE\ 197S/ME8_Containerization_and_Docker/5-volumes:/usr/local/apache2/htdocs/ httpd:2.4
f6b7c1837c70ab29053c37940dc24373a2d769ce7a26fd949c15ba13f5f9d9bb
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ curl localhost
<html><body><h1>It works in Docker!</h1></body></html>
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ mspad index.html
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ curl localhost
<html><body><h1>It works quite well in Docker!</h1></body></html>
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ sudo docker stop apache
apache
astor@REAPER:~/Documents/EEE/CoE 197S/ME8_Containerization_and_Docker/5-volumes$ |

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